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**Brockhaus et al.**

FILING DATE  
May 19, 1995

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>g</i>	A1	5,116,964	5/26/92	Capon et al.			
<i>g</i>	A2	4,948,875	8/14/90	Tanaka et al.			
<i>g</i>	A3	4,816,567	3/28/89	Cabilly et al.			
<i>g</i>	A4	4,770,995	9/13/88	Rubin et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>g</i>	B1	325 224	7/28/89	Europe				
<i>g</i>	B2	2218101	11/8/89	Great Britain				
<i>g</i>	B3	9013575	11/15/90	PCT				
<i>g</i>	B4	393 438	4/6/90	Europe				
<i>g</i>	B5	308 378	3/22/89	Europe				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>g</i>	C1	Gen Seq DBase Printout
<i>g</i>	C2	Stauber et al., "Human tumor necrosis factor- $\alpha$ receptor - purification by immunoaffinity chromatography and initial characterization", J. Bio. Chem. 263:19098-19104 (1988)
<i>g</i>	C3	Seckinger et al., "Purification and biologic characterization of a specific tumor necrosis factor $\alpha$ inhibitor", J. Bio. Chem. 264:11966-11973 (1989)

EXAMINER

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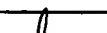





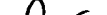


















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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B6	398 327	11/22/90	Europe				
	B7	422 339	4/17/91	Europe				
	B8	412 486	2/13/91	Europe				
	B9	91/03553	3/21/91	World				
	B10	418 014	3/20/91	Europe				

**OTHER ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

J	C4	Engelmann et al., "A tumor necrosis factor-binding protein purified to homogeneity from human urine protects cells from tumor necrosis factor toxicity", J. Bio. Chem. 264:11974-11980 (1989)
J	C5	Hohmann et al., "Two different cell types have different major receptors for human tumor necrosis factor (TNF $\alpha$ )", J. Bio. Chem. 264:14927-14934 (1989)
J	C6	Smith et al., "A receptor for tumor necrosis factor defines an unusual family of cellular and viral proteins", Scienc 248:1019-1023 (1990)
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C10	Schall et al., "Molecular cloning and expression of a receptor for human tumor necrosis factor", Cell 61:361-370 (1990)
	C11	Seckinger et al., "Tumor necrosis factor inhibitor: purification, NH <sub>2</sub> -terminal amino acid sequence and evidence for anti-inflammatory and immunomodulatory activities", Eur. J. Immunol. 20:1167-1174 (1990)
	C12	Hohmann et al., "Expression of the types A and B tumor necrosis factor (TNF) receptors is independently regulated, and both receptors mediate activation of the transcription factor NF- $\kappa$ B", J. Biol. Chem. 265:22409-22417 (1990)
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						YES	NO

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C13	Espevik et al., "Characterization of binding and biological effects of monoclonal antibodies against a human tumor necrosis factor receptor", J. Exp. Med. 171:415-426 (1990)
	C14	Porteu and Nathan, "Shedding of tumor necrosis factor receptors by activated human neutrophils", J. Exp. Med. 172:599-607 (1990)
	C15	Engelmann et al., "Antibodies to a soluble form of a tumor necrosis factor (TNF) receptor have TNF-like activity", J. Bio. Chem. 265:14497-14504 (1990)

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